Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 00:00 on Wednesday 22 Feb 2023 until 23:59 on Thursday 23 Feb 2023

Forecast Issued on Tuesday 21 Feb 2023 at 12:54

Confidence: High for some unsettled conditions mainly during the nights and prior to the weekend, then largely fair for the weekend, but lower for the cloud detail

Headline for Wednesday 22 Feb 2023: Brighter spells and scattered showers. Freezing level lowering.

Mountain weather hazards on Wednesday 22 Feb 2023

Blizzards
No Likelihood

Heavy persistent snow
No Likelihood

Storm force winds
No Likelihood

Gales
No Likelihood

Severe chill effect
Low Likelihood

Poor visibility
Low Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
No Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Light rain	Light rain	Sleet	Cloudy	Sunny intervals	Sunny intervals	Sunny intervals	Partly cloudy (night)
Precipitation probability							
60%	80%	90%	20%	10%	20%	10%	<05%

Forecast for Wednesday 22 Feb 2023

Weather: Band of light to moderate rain feeding from the west overnight, turning to snow from 700m towards dawn, before clearing to a mix of bright and sunny spells and only a few light scattered showers before mid-morning. Snow level in showers lowering 400-500m from mid-afternoon.

Chance of cloud-free hill tops above 600m: 30% at dawn, becoming 90% from mid-morning.

Low Cloud and visibility: Good or very good, becoming moderate or poor in rain and showers, very poor in snow and within cloud with bases quite extensive from 500m at first, infrequently so from mid-morning.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
© Crown Copyright 2023. All Rights Reserved.

Mountain Weather Forecast

Forecast for Wednesday 22 Feb 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	16/22 SW	15/21 SW	13/18 W	13/19 NW	13/20 NW	12/19 NW	10/17 NW	11/20 N	13/22 N
300	7/16 SW	8/17 SW	10/18 W	10/19 NW	11/21 NW	9/17 NW	7/16 NW	8/19 N	10/22 N
Valley	7/17 SW	7/17 S	12/22 NW	8/15 W	11/22 NW	10/18 NW	5/14 NW	5/15 N	7/19 N

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	4/-1	4/-1	2/-2	1/-4	2/-3	2/-3	1/-3	0/-5	-0/-6
300	6/3	6/3	4/1	4/0	5/1	4/0	3/0	2/-2	2/-3
Valley	7/5	7/4	5/1	5/3	6/3	6/3	4/2	3/1	2/-1
Freezing Level*	1400m	1300m	1000m	800m	700m	600m	600m	600m	500m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Severe wind chill developing at height as freezing level lowers.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
15:00 on Tue 21 Feb 2023	4.4mm	10.6mm	15.6mm

Forecast for Thursday 23 Feb 2023

Weather: Mainly dry, bright and sunny through the morning. Cloud slowly feeding from the north from the afternoon, bringing some patchy rain from late evening.

Maximum wind: North 15-20 mph easing and veering west for the afternoon

Chance of cloud-free hill tops above 600m: 90% plus becoming 30% by late afternoon

Low Cloud and visibility: Good or very good, becoming moderate or poor in later rain, very poor within cloud with bases becoming quite extensive from 500m during the evening.

Temperature: **Valleys:** Minus 2 Celsius increasing 9 Celsius during the afternoon
At 600m: Minus 2 Celsius increasing plus 2 Celsius by afternoon
Freezing level: 500m increasing 900m later

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
© Crown Copyright 2023. All Rights Reserved.